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PTO/SB/21 (02-04) Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Application Number 10/627,882 RIDEMARY Filing Date TRANSMITTAL 7/25/2003 First Named Inventor **FORM** Jong-Gu Park Art Unit 1645 (to be used for all correspondence after initial filing) **Examiner Name** N/A **Attorney Docket Number** 57354-11USA Total Number of Pages in This Submission **ENCLOSURES** (Check all that apply) After Allowance communication Drawing(s) to Technology Center (TC) Fee Transmittal Form Appeal Communication to Board Licensing-related Papers of Appeals and Interferences Fee Attached Appeal Communication to TC Petition (Appeal Notice, Brief, Reply Brief). Amendment/Reply Petition to Convert to a Proprietary Information **Provisional Application** After Final Power of Attorney, Revocation Status Letter Change of Correspondence Address Affidavits/declaration(s) Other Enclosure(s) (please Terminal Disclaimer Identify below): **Extension of Time Request** Copies of Cited References B1-B2 and C1-Request for Refund Express Abandonment Request Return Receipt Postcard CD, Number of CD(s) Information Disclosure Statement Remarks Certified Copy of Priority Document(s) Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Joseph Hyosuk Kim, Ph.D. Reg. No. 41,425 Individual name JHK Law Signature Date July 14, 2004 CERTIFICATE OF TRANSMISSION/MAILING I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. Typed or printed name Harry Sung Lee

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Signature

Date

July 14, 2004

Applicant: Jong-Gu PARK

Serial No.: 10/627,882

PATENT

I herdage this that on July 14, 2004, which is the date I am signing this certificate, I am depositing this correspondence and all identified attachments with the U.S. Postal Service, First Class Mail, postage prepaid, in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Filed: July 25, 2003

Title: LARGE CIRCULAR SENSE MOLECULE ARRAY

Examiner: N/A
Art Unit: 1645

Attorney Docket No.: 57354-11USA

Han ele

Harry Lee

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Information Disclosure Statement

Sir:

In accordance with 37 C.F.R. § 1.56, the references listed below and on the attached Forms PTO/SB/08A and PTO/SB/08B (substitutes for form 1449/PTO) are being brought to the attention of the Examiner for consideration in connection with the examination of the above-identified patent application. The filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made (37 C.F.R. § 1.97(g)), as an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists. The filing of this Information Disclosure Statement shall not be construed as an admission against interest in any manner. Copies of the cited documents are enclosed.

English Language Patent Documents:

- 1. US 2002/0055099 (May 9, 2002)
- 2. WO 01/00786 A2 (January 4, 2001)

Docket No.57354-11USA

10/627,882

3. WO 99/00520 (January 7, 1999)

English Language Non-Patent Documents:

1. DRMANAC et al., Sequencing by hybridization: Towards and automated sequencing of

one million M13 clones arrayed on membranes, Electrophoresis, 1992, 13: 566-573

2. KAINZ et al., A Modified Primer Extension Procedure for Specific Detection of DNA-

RNA Hybrids on Nylon Membranes, Analytical Biochemistry, 1989, 179: 366-370

3. DRMANAC and DRMANAC, Processing of cDNA and Genomic Kilobase-Size Clones

for Massive Screening, Mapping and Sequencing by Hybridization, BioTechniques,

1994, 17(2): 328-336

It is respectfully requested that the Examiner indicate consideration of the cited

references by returning copies of the attached Forms PTO/SB/08A and PTO/SB/08B with initials

or other appropriate marks, and that the references be made of record as cited references in the

application.

Respectfully submitted,

July 14, 2004

Date

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PTO/SB/08A (08-03)

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Complete if Known

Substitute for form 1449/PTO

Sheet |1

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

of 1

Complete if Known				
Application Number	10/627,882			
Filing Date	July 25, 2003			
First Named Inventor	Jong-Gu Park			
Art Unit	1645			
Examiner Name	N/A			
Attorney Docket Number	57354-11USA			

U. S. PATENT DOCUMENTS						
Examiner Initials*			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	1		05.00.0000	FISHER	Whole Document	
	A1	2002/0033033	05-09-2002	FISHER	Whole Document	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	76
		Country Code ³ Number ⁴ "Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T
	B1	WO 01/00786 A2	01-04-2001	SPRING DIAGNOSTICS	Whole Document	
	B2	WO 99/00520	01-07-1999	THE GOVERNMENT OF THE USA	Whole Document	
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Examiner	Date
Signature	Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the Indication of the year of the reign of the Emperor must precede the sentil number of the patent document. Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

Transation is attached.

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PTO/SB/08B (08-03)

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ADEL				Application Number	10/627,882	
INFORMATION DISCLOSURE			CLOSURE	Filing Date	July 25, 2003	
(Use as many sheets as necessary)		First Named Inventor	Jong-Gu PARK			
		Art Unit	1645			
		Examiner Name	N/A			
Sheet	1	of	1	Attorney Docket Number	57354-11USA	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	C1	DRMANAC et al., Sequencing by hybridization, Electrophoresis, 1992, 13: 566-573	
	C2	KAINZ et al., A Modified Primer Extension Procedure, Analytical Biochemistry, 1989, 179: 366-370	
	C3	DRMANAC and DRMANAC, Processing of cDNA and Genomic Kilobase-Size Clones, BioTechniques, 1994, 17(2): 328-336	

Examiner	Date	
Signature	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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